

**We claim:**

1. A door with a viewing window for a microwave unit, said door comprising a metallic door frame, two glass panes held spaced apart from each other between the metallic door frame and a metallic screen for blocking or attenuating microwaves arranged between the glass panes, said metallic screen being in electrically conductive contact with the metallic door frame, wherein said metallic screen comprises a woven fabric of thin metal fibers, and said thin metal fibers of the woven fabric are woven together with a predetermined small spacing.
2. The door as defined in claim 1, wherein said metal fibers each have a thickness in a range of 0.02 mm to 0.1 mm.
3. The door as defined in claim 2, wherein said thickness of each of said metal fibers is about 0.06 mm.
4. The door as defined in claim 1, wherein opposing sides of said metal fibers are spaced from each other at a distance of from 0.09 mm to 0.5 mm.
5. The door as defined in claim 4, wherein said distance between said opposing sides of said metal fibers is about 0.12 mm.

6. The door as defined in claim 1, wherein said woven fabric has a linen or plain weave.

7. The door as defined in claim 1, wherein said woven fabric is black.

8. The door as defined in claim 1, wherein the metal fibers comprise a steel fiber.